

**Application for Renewed Operating License - Palisades Nuclear Plant  
Precedent Tables for Section 3.4, Steam and Power Conversion System**

<b>Table 3.4.2-1 Steam and Power Conversion System - Condensate and Condenser System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
Accumulators	Fluid Pressure Boundary	Carbon Steel	Atmosphere/ Weather (Ext)	Loss of Material	One-Time Inspection Program	VIII.E.5-c	3.4.1-11	418, 420, B			
					System Monitoring Program	VIII.E.5-c	3.4.1-11	418, 420, A			
			Treated Water (Int)	Loss of Material	Water Chemistry Program	VIII.E.5-a	3.4.1-02	411, A			
					One-Time Inspection Program	VIII.E.5-a	3.4.1-02	411, B			
CST Heater Shell	Fluid Pressure Boundary	Carbon Steel	Steam (Int)	Loss of Material	Water Chemistry Program	VIII.A.2-b	3.4.1-02	413, C			
					One-Time Inspection Program	VIII.A.2-b	3.4.1-02	413, D			
CST Heater Tubes	Fluid Pressure Boundary	Carbon Steel	Steam (Ext)	Loss of Material	Water Chemistry Program	VIII.A.2-b	3.4.1-02	413, C			

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					One-Time Inspection Program	VIII.A.2-b	3.4.1-02	413, D			
				Loss of Material - Fretting	One-Time Inspection Program	VIII.A.2-b	3.4.1-02	413, D			
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.2-b	3.4.1-02	411, 413, D			
					Water Chemistry Program	VIII.E.2-b	3.4.1-02	411, 413, C			
Fasteners	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Preload	Bolting Integrity Program	VIII.H.2-a	3.4.1-08	406, C			
				Loss of Material	Bolting Integrity Program	VIII.H.2-a	3.4.1-08	406, C			
Filters/Strainers	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.2-b	3.4.1-02	411, D			

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					Water Chemistry Program	VIII.E.2-b	3.4.1-02	411, C			
FW Heater Shell and Channel Head	Fluid Pressure Boundary	Carbon Steel	Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.2-b	3.4.1-02	411, 413, D			
					Water Chemistry Program	VIII.E.2-b	3.4.1-02	411, 413, C			
Heat Exchangers	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
			Steam (Int)	Loss of Material	One-Time Inspection Program	VIII.A.1-b	3.4.1-02	D			
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.4-a	3.4.1-02	A			
Pipe & Fittings	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H1-b	3.4.1-05	A			
			Soil (Ext)	Loss of Material	Buried Services Corrosion Monitoring Program	VIII.G1-e	3.4.1-12	408, C			

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<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
Pipe & Fittings	Fluid Pressure Boundary	Carbon Steel	Treated Water (Int)	Loss of Material	Flow Accelerated Corrosion Program	VIII.E.1-a	3.4.1-06	423, A			
					One-Time Inspection Program	VIII.E.1-b	3.4.1-02	411, B			
					Water Chemistry Program	VIII.E.1-b	3.4.1-02	411, A			
		Stainless Steel	Soil (Ext)	Loss of Material	Buried Services Corrosion Monitoring Program			407, F	VIII.E-22	4-11	A, 4002
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.5-b	3.4.1-02	405, 419, D			
					Water Chemistry Program	VIII.E.5-b	3.4.1-02	405, 419, C			
Pumps	Fluid Pressure Boundary	Cast Iron	Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	422, A			
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.3-a	3.4.1-02	411, 422, B			

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<b>Table 3.4.2-1 Steam and Power Conversion System - Condensate and Condenser System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
					Water Chemistry Program	VIII.E.3-a	3.4.1-02	411, 422, A			
				Loss of Material - Selective Leaching	One-Time Inspection Program			412, 422, F	VIII.E-18	4-16	C
Valves & Dampers	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
			Treated Water (Int)	Loss of Material	Water Chemistry Program	VIII.E.2-b	3.4.1-02	411, A			
					One-Time Inspection Program	VIII.E.2-b	3.4.1-02	411, B			
					Flow Accelerated Corrosion Program	VIII.E.2-a	3.4.1-06	423, A			

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<b>Table 3.4.2-2 Steam and Power Conversion System - Demineralized Makeup Water System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
Accumulators	Fluid Pressure Boundary	Carbon Steel	Air (Int)	Loss of Material	One-Time Inspection Program	VII.H2.3-a	3.3.1-05	416, E			
			Atmosphere/ Weather (Ext)	Loss of Material	One-Time Inspection Program	VIII.G.4-c	3.4.1-11	417, 418, 420, D			
					System Monitoring Program	VIII.G.4-c	3.4.1-11	417, 418, 420, C			
			Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
			Treated Water (Int)	Loss of Material	Water Chemistry Program	VIII.G.4-a	3.4.1-02	411, 417, C			
					One-Time Inspection Program	VIII.G.4-a	3.4.1-02	411, 417, D			
Fasteners	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Preload	Bolting Integrity Program	VIII.H.2-a	3.4.1-08	406, C			

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<b>Table 3.4.2-2 Steam and Power Conversion System - Demineralized Makeup Water System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
				Loss of Material	Bolting Integrity Program	VIII.H.2-a	3.4.1-08	406, C			
Filters	Fluid Pressure Boundary	Stainless Steel	Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.5-b	3.4.1-02	417, E			
Heat Exchangers	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
			Steam (Int)	Loss of Material	One-Time Inspection Program	VIII.C.1-a	3.4.1-02	E			
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.1-b	3.4.1-02	E			
Pipe & Fittings	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.1-b	3.4.1-02	411, 417, D			
					Water Chemistry Program	VIII.E.1-b	3.4.1-02	411, 417, C			



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<b>Table 3.4.2-2 Steam and Power Conversion System - Demineralized Makeup Water System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
		Stainless Steel	Soil (Ext)	Loss of Material	Buried Services Corrosion Monitoring Program			407, F	VIII.G-22	4-22	E, 6
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.5-b	3.4.1-02	417, 419, D			
					Water Chemistry Program	VIII.E.5-b	3.4.1-02	417, 419, C			
Pumps	Fluid Pressure Boundary	Stainless Steel	Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.5-b	3.4.1-02	417, E			
Transmitter/Element	Fluid Pressure Boundary	Stainless Steel	Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.5-b	3.4.1-02	417, 419, D			
					Water Chemistry Program	VIII.E.5-b	3.4.1-02	417, 419, C			
Valves & Dampers	Fluid Pressure Boundary	Cast Austenitic SS	Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.5-b	3.4.1-02	417, 419, D			

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<b>Table 3.4.2-2 Steam and Power Conversion System - Demineralized Makeup Water System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
					Water Chemistry Program	VIII.E.5-b	3.4.1-02	417, 419, C			
		Stainless Steel	Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.5-b	3.4.1-02	417, 419, D			
					Water Chemistry Program	VIII.E.5-b	3.4.1-02	417, 419, C			

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<b>Table 3.4.2-3 Steam and Power Conversion System - Feedwater System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
Accumulators	Fluid Pressure Boundary	Carbon Steel	Air/Gas (Int)	Loss of Material	One-Time Inspection Program	VII.H2.3-a	3.3.1-05	409, E			
			Oil (Int)	Loss of Material	One-Time Inspection Program	VIII.G.5-d	3.3.1-06	C			
			Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
Filters/Strainers	Fluid Pressure Boundary	Carbon Steel	Oil (Int)	Loss of Material	One-Time Inspection Program	VIII.G.5-d	3.3.1-06	C			
			Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.D1.1-c	3.4.1-02	408, 411, D			
					Water Chemistry Program	VIII.D1.1-c	3.4.1-02	408, 411, C			
Heat Exchangers	Fluid Pressure	Carbon Steel	Oil (Int)	Loss of Material	One-Time Inspection Program	VII.G.7-b	3.3.1-06	C			

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<b>Table 3.4.2-3 Steam and Power Conversion System - Feedwater System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
	Boundary										
			Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
			Raw Water (Int)	Loss of Material	One-Time Inspection Program	VIII.G.5-b	3.4.1-03	411, 421, E			
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.D1.1-c	3.4.1-02	408, 411, D			
					Water Chemistry Program	VIII.D1.1-c	3.4.1-02	408, 411, C			
Indicators/Recorders	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.D1.1-c	3.4.1-02	408, 411, D			
					Water Chemistry Program	VIII.D1.1-c	3.4.1-02	408, 411, C			

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Fasteners	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext Containment Air (Ext))	Loss of Preload	Bolting Integrity Program	VIII.H.2-a	3.4.1-08	406, C			
				Loss of Material	Boric Acid Corrosion Program	VIII.H.1-a	3.4.1-13	A			
					Bolting Integrity Program	VIII.H.2-a	3.4.1-08	406, C			
Pipe & Fittings	Flow Restriction	Carbon Steel	Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.D1.1-c	3.4.1-02	411, B			
						VIII.D1.3-a	3.4.1-02	411, B			
						VIII.G.1-c	3.4.1-02	411, B			
						VIII.G.2-a	3.4.1-02	411, B			
					Water Chemistry Program	VIII.D1.1-c	3.4.1-02	411, A			
						VIII.D1.3-a	3.4.1-02	411, A			

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						VIII.G.1-c	3.4.1-02	411, A			
						VIII.G.2-a	3.4.1-02	411, A			
	Fluid Pressure Boundary	Carbon Steel	Containment Air (Ext)	Loss of Material	Boric Acid Corrosion Program	VIII.H.1-a	3.4.1-13	A			
					System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
			Oil (Int)	Loss of Material	One-Time Inspection Program	VIII.G.5-d		C			
			Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
					Boric Acid Corrosion Program	VIII.H.1-a	3.4.1-13	A			
			Treated Water (Int)	Loss of Material	Flow Accelerated Corrosion Program	VIII.D1.1-a	3.4.1-06	A			
						VIII.D1.3-b	3.4.1-06	A			

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<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
						VIII.G.1-a	3.4.1-06	A			
Pipe & Fittings	Fluid Pressure Boundary	Carbon Steel	Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.D1.1-c	3.4.1-02	411, B			
						VIII.D1.3-a	3.4.1-02	411, B			
						VIII.G.1-c	3.4.1-02	411, B			
						VIII.G.2-a	3.4.1-02	411, B			
					Water Chemistry Program	VIII.D1.1-c	3.4.1-02	411, A			
						VIII.D1.3-a	3.4.1-02	411, A			
						VIII.G.1-c	3.4.1-02	411, A			
						VIII.G.2-a	3.4.1-02	411, A			
		Stainless Steel	Air (Int)	Loss of Material	One-Time Inspection Program			409, J	VIII.I-11	4-32	B, 4001



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<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
			Atmosphere/ Weather (Ext)	Loss of Material	System Monitoring Program			G	VIII.F1-5	3-23	A
			Oil (Int)	Loss of Material	One-Time Inspection Program			F	VIII.A-2	4-12	B
			Soil (Ext)	Loss of Material	Buried Services Corrosion Monitoring Program			407, F	VIII.E-21	4-22	E, 4006
			Treated Water (Int)	Cracking	Water Chemistry Program			410, F	VIII.F-5	4-8	A
					One-Time Inspection Program			410, F	VIII.F-5	4-8	B
Pipe & Fittings	Fluid Pressure Boundary	Stainless Steel	Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.5-b	3.4.1-02	405, 419, D			
					Water Chemistry Program	VIII.E.5-b	3.4.1-02	405, 419, C			
Pumps	Fluid Pressure Boundary	Carbon Steel	Oil (Int)	Loss of Material	One-Time Inspection Program	VIII.G.5-d	3.3.1-06	C			

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<b>Table 3.4.2-3 Steam and Power Conversion System - Feedwater System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
			Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
			Treated Water (Int)	Loss of Material	Flow Accelerated Corrosion Program	VIII.D1.3-b	3.4.1-06	A			
					One-Time Inspection Program	VIII.D1.3-a	3.4.1-02	411, B			
						VIII.G.2-a	3.4.1-02	411, B			
					Water Chemistry Program	VIII.D1.3-a	3.4.1-02	411, A			
						VIII.G.2-a	3.4.1-02	411, A			
		Stainless Steel	Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.5-b	3.4.1-02	405, 419, D			
					Water Chemistry Program	VIII.E.5-b	3.4.1-02	405, 419, C			
Traps (Steam)	Fluid Pressure Boundary	Carbon Steel	Air (Int)	Loss of Material	One-Time Inspection Program			409, J	VIII.I-15	4-33	D, 4001

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<b>Table 3.4.2-3 Steam and Power Conversion System - Feedwater System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
			Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
Turbines	Fluid Pressure Boundary	Carbon Steel	Air (Int)	Loss of Material	One-Time Inspection Program			409, J	VIII.I-15	4-33	D, 4001
			Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
Valves & Dampers	Fluid Pressure Boundary	Carbon Steel	Air (Int)	Loss of Material	One-Time Inspection Program			409, G	VIII.I-15	4-33	D, 4001
			Containment Air (Ext)	Loss of Material	Boric Acid Corrosion Program	VIII.H.1-a	3.4.1-13	A			
			Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
					Boric Acid Corrosion Program	VIII.H.1-a	3.4.1-13	A			
			Raw Water (Int)	Loss of Material	One-Time Inspection Program	VIII.G.1-d	3.4.1-03	411, 421, D			

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<b>Table 3.4.2-3 Steam and Power Conversion System - Feedwater System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
			Steam (Int)	Loss of Material	Water Chemistry Program	VIII.A.2-b	3.4.1-02	A			
					One-Time Inspection Program	VIII.A.2-b	3.4.1-02	411, B			
			Treated Water (Int)	Loss of Material	Flow Accelerated Corrosion Program	VIII.D1.2-a	3.4.1-06	A			
					One-Time Inspection Program	VIII.D1.2-b	3.4.1-02	411, B			
						VIII.G.3-a	3.4.1-02	411, B			
					Water Chemistry Program	VIII.D1.2-b	3.4.1-02	411, A			
						VIII.G.3-a	3.4.1-02	411, A			
Valves & Dampers	Fluid Pressure Boundary	Cast Austenitic SS	Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.5-b	3.4.1-02	405, 419, D			
					Water Chemistry Program	VIII.E.5-b	3.4.1-02	405, 419, C			

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<b>Table 3.4.2-3 Steam and Power Conversion System - Feedwater System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
		Cast Iron	Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	422, A			
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.G.3-a	3.4.1-02	411, 422, B			
					Water Chemistry Program	VIII.G.3-a	3.4.1-02	411, 422, A			
				Loss of Material - Selective Leaching	One-Time Inspection Program			412, 422, F	VIII.E-18	4-16	D
		Stainless Steel	Air (Int)	Loss of Material	One-Time Inspection Program			409, F	VIII.I-11	4-32	D, 4001
			Steam (Int)	Cracking	Water Chemistry Program			404, F	VIII.B1-2	4-20	A
					One-Time Inspection Program			404, F	VIII.B1-2	4-20	B
				Loss of Material	Water Chemistry Program			404, F	VIII.B1-3	4-29	A
					One-Time Inspection Program			404, F	VIII.B1-3	4-29	B

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<b>Table 3.4.2-3 Steam and Power Conversion System - Feedwater System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
Valves & Dampers	Fluid Pressure Boundary	Stainless Steel	Treated Water (Int)	Cracking	Water Chemistry Program			F	VIII.D1-5	4-8	A
					One-Time Inspection Program			F	VIII.D1-5	4-8	B
				Loss of Material	One-Time Inspection Program	VIII.E.5-b	3.4.1-02	405, 419, D			
					Water Chemistry Program	VIII.E.5-b	3.4.1-02	405, 419, C			

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<b>Table 3.4.2-4 Steam and Power Conversion System - Heater Extraction and Drain System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
Accumulators	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-08	A			
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.1-a	3.4.1-02	E			
Fasteners	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Material	Bolting Integrity Program	VIII.H.2-a	3.4.1-08	406, C			
				Loss of Preload	Bolting Integrity Program	VIII.H.2-a	3.4.1-08	406, C			
Heat Exchangers	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-08	A			
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.1-a	3.4.1-02	E			
Pipe & Fittings	Fluid Pressure Boundary	Carbon Steel	Steam (Int)	Loss of Material	Flow Accelerated Corrosion Program	VIII.C.1-a	3.4.1-06	423, A			
					Water Chemistry Program	VIII.C.1-b	3.4.1-02	A			

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<b>Table 3.4.2-4 Steam and Power Conversion System - Heater Extraction and Drain System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
					One-Time Inspection Program	VIII.C.1-b	3.4.1-02	411, B			
Pipe & Fittings	Fluid Pressure Boundary	Carbon Steel	Treated Water (Int)	Loss of Material	Flow Accelerated Corrosion Program	VIII.E.1-a	3.4.1-06	414, 423, C			
					One-Time Inspection Program	VIII.E.1-b	3.4.1-02	411, 414, D			
					Water Chemistry Program	VIII.E.1-b	3.4.1-02	411, 414, C			
		Stainless Steel	Steam (Int)	Cracking	Water Chemistry Program			404, F	VIII.B1-2	4-20	A
					One-Time Inspection Program			404, F	VIII.B1-2	4-20	B
				Loss of Material	Water Chemistry Program			404, F	VIII.B1-3	4-29	A
					One-Time Inspection Program			404, F	VIII.B1-3	4-29	B

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<b>Table 3.4.2-4 Steam and Power Conversion System - Heater Extraction and Drain System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
Pumps	Fluid Pressure Boundary	Carbon Steel	Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.3-a	3.4.1-02	411, 414, D			
					Water Chemistry Program	VIII.E.3-a	3.4.1-02	411, 414, C			
Transmitter/Element	Fluid Pressure Boundary	Stainless Steel	Treated Water (Int)	Cracking	Water Chemistry Program			410, F	VIII.F-18	4-8	C
					One-Time Inspection Program			410, F	VIII.F-18	4-8	D
				Loss of Material	Water Chemistry Program			F	VIII.F-17	4-10	C
					One-Time Inspection Program			F	VIII.F-17	4-10	D
Traps (Steam)	Fluid Pressure Boundary	Carbon Steel	Steam (Int)	Loss of Material	Water Chemistry Program	VIII.C.2-b	3.4.1-02	C			
					One-Time Inspection Program	VIII.C.2-b	3.4.1-02	D			

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<b>Table 3.4.2-4 Steam and Power Conversion System - Heater Extraction and Drain System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
Valves & Dampers	Fluid Pressure Boundary	Carbon Steel	Steam (Int)	Loss of Material	Flow Accelerated Corrosion Program	VIII.C.2-a	3.4.1-06	423, A			
					Water Chemistry Program	VIII.C.2-b	3.4.1-02	A			
					One-Time Inspection Program	VIII.C.2-b	3.4.1-02	B			
			Treated Water (Int)	Loss of Material	Flow Accelerated Corrosion Program	VIII.E.2-a	3.4.1-06	414, 423, C			
					One-Time Inspection Program	VIII.E.2-b	3.4.1-02	411, 414, D			
					Water Chemistry Program	VIII.E.2-b	3.4.1-02	411, 414, C			
	Fluid Pressure Boundary	Cast Iron	Plant Indoor Air (Ext)	Loss of Material	None Required	VIII.H.1-b	3.4.1-05	401, 422, I	VIII.I-15	4-33	A, 4001
			Steam (Int)	Loss of Material	Flow Accelerated Corrosion Program	VIII.C.2-a	3.4.1-06	422, 423, A			

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<b>Table 3.4.2-4 Steam and Power Conversion System - Heater Extraction and Drain System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
					Water Chemistry Program	VIII.C.2-b	3.4.1-02	422, A			
					One-Time Inspection Program	VIII.C.2-b	3.4.1-02	422, B			
				Loss of Material - Selective Leaching	One-Time Inspection Program			412, 422, F	VIII.F-14	4-16	A
Valves & Dampers	Fluid Pressure Boundary	Stainless Steel	Steam (Int)	Cracking	Water Chemistry Program			404, F	VIII.B1-2	4-20	A
					One-Time Inspection Program			404, F	VIII.B1-2	4-20	B, 4001
				Loss of Material	Water Chemistry Program			404, F	VIII.B1-3	4-29	C
					One-Time Inspection Program			404, F	VIII.B1-3	4-29	D, 1

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<b>Table 3.4.2-5 Steam and Power Conversion System - Main Air Ejection and Gland Seal System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
Blowers Fans Compressor Vacuum	Fluid Pressure Boundary	Carbon Steel	Air (Int)	Loss of Material	One-Time Inspection Program			415, J	VIII.I-15	4-33	C, 4001
			Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
			Steam (Int)	Loss of Material	Water Chemistry Program	VIII.A.1-b	3.4.1-02	415, C			
					One-Time Inspection Program	VIII.A.1-b	3.4.1-02	415, D			
		Cast Iron	Steam (Int)	Loss of Material	Water Chemistry Program	VIII.A.1-b	3.4.1-02	415, 422, C			
					One-Time Inspection Program	VIII.A.1-b	3.4.1-02	415, 422, D			
				Loss of Material - Selective Leaching	One-Time Inspection Program			412, 415, J	VIII.F-14	4-16	D
Filters/Strainers	Fluid Pressure Boundary	Carbon Steel	Air (Int)	Loss of Material	One-Time Inspection Program			415, J	VIII.I-15	4-33	C, 4001

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<b>Table 3.4.2-5 Steam and Power Conversion System - Main Air Ejection and Gland Seal System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
			Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
			Steam (Int)	Loss of Material	Flow Accelerated Corrosion Program	VIII.A.1-a	3.4.1-06	415, C			
					Water Chemistry Program	VIII.A.1-b	3.4.1-02	415, C			
					One-Time Inspection Program	VIII.A.1-b	3.4.1-02	415, D			
Heat Exchangers	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
			Steam (Int)	Loss of Material	Water Chemistry Program	VIII.A.1-b	3.4.1-02	415, C			
					One-Time Inspection Program	VIII.A.1-b	3.4.1-02	415, D			
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.D1.2-b	3.4.1-02	411, 415, D			



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<b>Table 3.4.2-5 Steam and Power Conversion System - Main Air Ejection and Gland Seal System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
Fasteners	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Material	Bolting Integrity Program	VIII.H.2-a	3.4.1-08	406, C			
				Loss of Preload	Bolting Integrity Program	VIII.H.2-a	3.4.1-08	406, C			
Pipe & Fittings	Fluid Pressure Boundary	Carbon Steel	Air (Int)	Loss of Material	One-Time Inspection Program			416, G	VIII.I-15	4-33	A, 4001
			Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
			Steam (Int)	Loss of Material	Water Chemistry Program	VIII.A.1-b	3.4.1-02	415, C			
					One-Time Inspection Program	VIII.A.1-b	3.4.1-02	415, D			
Traps (Steam)	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
			Raw Water (Int)	Loss of Material	One-Time Inspection Program	VII.C1.2-a	3.3.1-17	E			

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<b>Table 3.4.2-5 Steam and Power Conversion System - Main Air Ejection and Gland Seal System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
			Steam (Int)	Loss of Material	Water Chemistry Program	VIII.A.2-b	3.4.1-02	415, C			
					One-Time Inspection Program	VIII.A.2-b	3.4.1-02	415, D			
Valves & Dampers	Fluid Pressure Boundary	Carbon Steel	Air (Int)	Loss of Material	One-Time Inspection Program			416, G	VIII.I-15	4-33	C, 1
			Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
			Steam (Int)	Loss of Material	Flow Accelerated Corrosion Program	VIII.A.2-a	3.4.1-06	415, C			
					One-Time Inspection Program	VIII.A.2-b	3.4.1-02	415, D			
					Water Chemistry Program	VIII.A.2-b	3.4.1-02	415, C			
Valves & Dampers	Fluid Pressure Boundary	Carbon Steel	Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.D1.2-b	3.4.1-02	411, 415, D			

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<b>Table 3.4.2-5 Steam and Power Conversion System - Main Air Ejection and Gland Seal System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
					Water Chemistry Program	VIII.D1.2-b	3.4.1-02	411, 415, C			
		Cast Iron	Steam (Int)	Loss of Material	Water Chemistry Program	VIII.A.2-b	3.4.1-02	415, 422, C			
					One-Time Inspection Program	VIII.A.2-b	3.4.1-02	411, 415, 422, D			
				Loss of Material - Selective Leaching	One-Time Inspection Program			412, 422, F	VIII.F-14	4-16	B

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<b>Table 3.4.2-6 Steam and Power Conversion System - Main Steam System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
Accumulators	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	C			
			Steam (Int)	Loss of Material	Flow Accelerated Corrosion Program	VIII.A.1-a	3.4.1-06	403, 423, C			
					Water Chemistry Program	VIII.A.1-b	3.4.1-02	403, C			
					One-Time Inspection Program	VIII.A.1-b	3.4.1-02	403, D			
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.F.1-b	3.4.1-02	E			
Filters/Strainers	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	401, A			
			Steam (Int)	Loss of Material	Flow Accelerated Corrosion Program	VIII.A.2-a	3.4.1-06	403, 423, C			
					Water Chemistry Program	VIII.A.2-b	3.4.1-02	403, C			

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<b>Table 3.4.2-6 Steam and Power Conversion System - Main Steam System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
					One-Time Inspection Program	VIII.A.2-b	3.4.1-02	403, D			
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E5-a	3.4.1-02	E			
Indicators/Recorders	Fluid Pressure Boundary	Stainless Steel	Steam (Int)	Cracking	Water Chemistry Program			403, 404, J	VIII.B1-2	4-20	C
				Loss of Material	Water Chemistry Program			403, 404, J	VIII.B1-3	4-29	C
Ejectors	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	401, A			
			Steam (Int)	Loss of Material	Water Chemistry Program	VIII.A.1-b	3.4.1-02	403, C			
					One-Time Inspection Program	VIII.A.1-b	3.4.1-02	403, D			
Fasteners	Fluid Pressure Boundary	Carbon Steel	Containment Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			

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<b>Table 3.4.2-6 Steam and Power Conversion System - Main Steam System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
			Plant Indoor Air (Ext)	Loss of Material	Boric Acid Corrosion Program	VIII.H.1-a	3.4.1-13	401, A			
					Bolting Integrity Program	VIII.H.2-a	3.4.1-08	406, C			
				Loss of Preload	Bolting Integrity Program	VIII.H.2-a	3.4.1-08	406, C			
Heat Exchangers	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
			Steam (Int)	Loss of Material	One-Time Inspection Program	VIII.B1.1-a	3.4.1-07	E			
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.F.1-b	3.4.1-02	E			
Pipe & Fittings	Fluid Pressure Boundary	Carbon Steel	Containment Air (Ext)	Loss of Material	Boric Acid Corrosion Program	VIII.H.1-a	3.4.1-13	A			
			Plant Indoor Air (Ext)	Loss of Material	Boric Acid Corrosion Program	VIII.H.1-a	3.4.1-13	A			

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<b>Table 3.4.2-6 Steam and Power Conversion System - Main Steam System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
			Steam (Int)	Loss of Material	Flow Accelerated Corrosion Program	VIII.A.1-a	3.4.1-06	423, A			
						VIII.B1.1-c	3.4.1-06	423, A			
					Water Chemistry Program	VIII.A.1-b	3.4.1-02	424, A			
						VIII.B1.1-a	3.4.1-07	424, A			
					One-Time Inspection Program	VIII.A.1-b	3.4.1-02	B			
			Treated Water (Int)	Loss of Material	Flow Accelerated Corrosion Program	VIII.F.1-a	3.4.1-06	423, A			
					One-Time Inspection Program	VIII.F.1-b	3.4.1-02	411, B			
					Water Chemistry Program	VIII.F.1-b	3.4.1-02	411, A			
		Copper Alloys	Plant Indoor Air (Ext)	Loss of Material	Boric Acid Corrosion Program			402, F	VII.J-7	3-81	A, 4001
		Stainless Steel	Steam (Int)	Cracking	Water Chemistry Program			404, G	VIII.B1-2	4-20	A



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<b>Table 3.4.2-6 Steam and Power Conversion System - Main Steam System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
			Steam (Int)	Loss of Material	Water Chemistry Program			404, G	VIII.B1-3	4-29	A
Pumps	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-13	A			
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.5-a	3.4.1-02	E			
Traps (Steam)	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Material	Boric Acid Corrosion Program	VIII.H.1-a	3.4.1-13	A			
			Steam (Int)	Loss of Material	Flow Accelerated Corrosion Program	VIII.A.2-a	3.4.1-06	403, 423, C			
					Water Chemistry Program	VIII.A.2-b	3.4.1-02	403, C			
					One-Time Inspection Program	VIII.A.2-b	3.4.1-02	403, D			
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.F.1-b	3.4.1-02	E			

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<b>Table 3.4.2-6 Steam and Power Conversion System - Main Steam System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
Valves & Dampers	Fluid Pressure Boundary	Carbon Steel	Containment Air (Ext)	Loss of Material	Boric Acid Corrosion Program	VIII.H.1-a	3.4.1-13	A			
			Plant Indoor Air (Ext)	Loss of Material	Boric Acid Corrosion Program	VIII.H.1-a	3.4.1-13	A			
			Steam (Int)	Loss of Material	Flow Accelerated Corrosion Program	VIII.A.2-a	3.4.1-06	423, A			
						VIII.B1.2-b	3.4.1-06	423, A			
					Water Chemistry Program	VIII.A.2-b	3.4.1-02	424, A			
						VIII.B1.2-a	3.4.1-07	424, A			
					One-Time Inspection Program	VIII.A.2-b	3.4.1-02	B			
Valves & Dampers	Fluid Pressure Boundary	Carbon Steel	Treated Water (Int)	Loss of Material	Flow Accelerated Corrosion Program	VIII.F.2-a	3.4.1-06	423, A			
					One-Time Inspection Program	VIII.F.2-b	3.4.1-02	411, B			

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<b>Table 3.4.2-6 Steam and Power Conversion System - Main Steam System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
					Water Chemistry Program	VIII.F.2-b	3.4.1-02	411, A			
		Stainless Steel	Steam (Int)	Cracking	Water Chemistry Program			404, F	VIII.B1-2	4-20	C
				Loss of Material	Water Chemistry Program			404, F	VIII.B1-3	4-29	C
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VIII.E.5-b	3.4.1-02	417, 419, D			
					Water Chemistry Program	VIII.E.5-b	3.4.1-02	417, 419, C			

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<b>Table 3.4.2-7 Steam and Power Conversion System - Turbine Generator System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
Accumulators	Fluid Pressure Boundary	Carbon Steel	Air/Gas (Int)	Loss of Material	One-Time Inspection Program	VII.H.2.3-a	3.3.1-05	E			
			Oil (Int)	Loss of Material	One-Time Inspection Program	VII.G.7-a	3.3.1-06	E			
			Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
		Stainless Steel	Oil (Int)	Loss of Material	One-Time Inspection Program			G	VIII.A-2	4-12	D
Fasteners	Fluid Pressure Boundary	Carbon Steel	Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
				Loss of Preload	Bolting Integrity Program	VIII.H.2-a	3.4.1-08	406, C			
Filters/Strainers	Fluid Pressure Boundary	Carbon Steel	Oil (Int)	Loss of Material	One-Time Inspection Program	VII.G.7-a	3.3.1-06	E			
			Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			

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<b>Table 3.4.2-7 Steam and Power Conversion System - Turbine Generator System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
Heat Exchangers	Fluid Pressure Boundary	Carbon Steel	Air/Gas (Int)	Loss of Material	One-Time Inspection Program	VII.H.2.3-a	3.3.1-05	E			
			Oil (Int)	Loss of Material	One-Time Inspection Program	VII.G.7-a	3.3.1-06	E			
			Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
			Raw Water (Int)	Loss of Material	One-Time Inspection Program	VII.C1.3-a	3.3.1-17	E			
Pipe & Fittings	Fluid Pressure Boundary	Carbon Steel	Oil (Int)	Loss of Material	One-Time Inspection Program	VII.G.7-b	3.3.1-06	E			
			Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
			Raw Water (Int)	Loss of Material	One-Time Inspection Program	VII.C1.1-a	3.3.1-17	E			
			Steam (Int)	Loss of Material	One-Time Inspection Program	VIII.B1.1-c	3.3.1-17	E			

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<b>Table 3.4.2-7 Steam and Power Conversion System - Turbine Generator System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VII.C2.1-a	3.3.1-17	E			
		Stainless Steel	Oil (Int)	Loss of Material	One-Time Inspection Program			G	VIII.A-2	4-12	B
Pumps	Fluid Pressure Boundary	Carbon Steel	Oil (Int)	Loss of Material	One-Time Inspection Program	VII.G.7-a	3.3.1-06	E			
			Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
		Cast Iron	Oil (Int)	Loss of Material	One-Time Inspection Program	VII.G.7-a	3.3.1-06	E			
			Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			
Valves & Dampers	Fluid Pressure Boundary	Carbon Steel	Oil (Int)	Loss of Material	One-Time Inspection Program	VII.G.7-b	3.3.1-06	E			
			Plant Indoor Air (Ext)	Loss of Material	System Monitoring Program	VIII.H.1-b	3.4.1-05	A			

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<b>Table 3.4.2-7 Steam and Power Conversion System - Turbine Generator System - Summary of Aging Management Evaluation</b>											
<b>Component Type</b>	<b>Intended Function</b>	<b>Material</b>	<b>Environment</b>	<b>Aging Effect Requiring Management</b>	<b>Aging Management Programs</b>	<b>NUREG - 1801 Volume 2 Line Item</b>	<b>Table 1 Item</b>	<b>Notes</b>	<b>Rev 1 NUREG - 1801 Volume 2 Line Item</b>	<b>Rev 1 NUREG - 1801 Volume 1 Table Row (Table # - Row #)</b>	<b>Rev 1 NUREG - 1801 Notes</b>
			Raw Water (Int)	Loss of Material	One-Time Inspection Program	VII.C1.2-a	3.3.1-17	E			
			Steam (Int)	Loss of Material	One-Time Inspection Program	VIII.B1.2-b	3.3.1-17	E			
			Treated Water (Int)	Loss of Material	One-Time Inspection Program	VII.C2.2-a	3.3.1-17	E			

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Note 4001: This material and environment combination is shown in GALL as not having the specified AERM. For the purpose of precedent review, Palisades considered Notes A, B, C, or D to apply to those instances where we are managing items which GALL does not indicate need to be managed.

Note 4006: SOIL may be the environment for components buried in soil (below grade), and also the environment for components submerged in groundwater and damp soil. The aging effect of potential exposure to raw water is also evaluated.